

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Bomberg Kenneth Examiner #: 69339 Date: 7/29/03  
 Art Unit: 3754 Phone Number 30 \_\_\_\_\_ Serial Number: 10/087015  
 Mail Box and Bldg/Room Location: PT1 507 Results Format Preferred (circle): PAPER  DISK  E-MAIL  
B15

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

L/T  
US 6050451

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>Solomon</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>305-5932</u>	AA Sequence (#)	Dialog _____
Searcher Location:	<u>CP2 2c08</u>	Structure (#)	Questel/Orbit <u>220002</u> \$ 22.30
Date Searcher Picked Up:	<u>7-30-03</u>	Bibliographic	Dr.Link _____
Date Completed:	<u>7-30-03</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis _____
Searcher Prep & Review Time:	<u>8</u>	Fulltext	Sequence Systems _____
Clerical Prep Time:		Patent Family	WWW/Internet _____
Online Time:	<u>7</u>	Other	Other (specify) _____



# STIC Search Report

EIC 3700

STIC Database Tracking Number: 1000040

**TO:** Kenneth Bomberg  
**Location:** PK1 11b15  
**Art Unit:** 3754  
**Wednesday, July 30, 2003**

**Case Serial Number:** 10/087015

**From:** Terry Solomon  
**Location:** EIC 3700  
**CP2-2C08**  
**Phone:** 305-5932

**Terrance.solomon@uspto.gov**

## Search Notes

Attached you will find results from Lexis/Nexis and Questel-Orbit, our two main litigation resources. No adjudicated cases were discovered. The only information pertaining to this US patent is the filing of the Reissue application, dated 2/28/02. If you have any questions pertaining to this search, contact myself, or John Sims (EIC Team-leader) at 308-4836.

Selected file: PLUSPAT

?us6050451/pn

1/1 PLUSPAT - (C) QUESTEL-ORBIT  
PN - US6050451 A 20000418 [US6050451]  
TI - (A) Dispensing structure incorporating a valve-containing fitment for mounting to a container and a package with a dispensing structure  
PA - (A) APTARGROUP INC (US)  
IN - (A) BROWN STUART R (US); HESS III JOHN M (US); ROBINSON JOEL R (US); SOCIER TIMOTHY R (US)  
AP - US19630198 19981119 [1998US-0196301]  
PR - US19630198 19981119 [1998US-0196301]  
IC - (A) B65D-033/38  
EC - B65D-047/20E2  
- B65D-075/00E  
- B65D-075/58D1  
- B65D-075/58G  
PCL - ORIGINAL (O) : 222092000; CROSS-REFERENCE (X) : 105107000 222153050  
222153140 222490000 222541600  
DT - Basic  
CT - US1989714; US1996156; US3235128; US3669323; US4553971; US4629080;  
US4640425; US4728006; US4732299; US4749108; US4794750; US4830205;  
US4969581; US4991745; US4998646; US5005734; US5033655; US5115950;  
US5213236; US5271531; US5307955; US5339995; US5377877; US5409144;  
US5439143; US5680969; US5873491; US5911340; EP160336; DE29706159 U1;  
DE29706158 U1; GB1474620; WO9638349; WO9708979  
- U.S. application No. 08/843,165, filed Apr. 14, 1997, which allowed on Sept. 22, 1998.

U.S. application No. 08/915,960 assigned to AptarGroup, Inc.

STG - (A) United States patent  
AB - A dispensing structure, and a package with a dispensing structure, is provided with a valve. In one embodiment, the dispensing structure is a multi-piece fitment. The multi-piece fitment includes a base for mounting to the container and a valve carrier for mounting to the base. A flexible, self-sealing slit-type valve is mounted within the carrier. In another embodiment, a fitment is mounted in the opening of a thin-walled, flexible, collapsible container, and the flexible valve is mounted in the fitment. In yet another embodiment, a package includes a container having a corner wall defining an opening, and a fitment is sealingly mounted to the corner wall at the opening. A valve is disposed within the fitment. A removable and disposable cover extends from the container over the fitment and at least a portion of the corner wall to define a hermetically sealed volume around the fitment. The cover may be pulled away from the container to expose the fitment.  
UP - 2000-17

1/1 LGST - (C) LEGSTAT  
PN - US 6050451 [US6050451]  
AP - US 196301/98 19981119 [1998US-0196301]  
DT - US-P  
ACT - 19981119 US/AE-A  
APPLICATION DATA (PATENT)  
{US 196301/98 19981119 [1998US-0196301]}

- 20000418 US/A  
PATENT  
- 20020604 US/RF  
REISSUE APPLICATION FILED  
20020228  
UP - 2002-24

1/1 CRXX - (C) CLAIMS/RRX  
PN - 6,050,451 A 20000418 [US6050451]  
PA - AptarGroup Inc  
ACT - 20020111 REASSIGNED  
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: APTARGROUP, INC. DATE SIGNED: 12/07/2001

Assignee: SEAQUIST CLOSURES FOREIGN, INC. 475 WEST TERRA COTTA CRYSTAL  
LAKE ILLINOIS 60014

Reel 012463/Frame 0323

Contact: ROCKY, MILNAMOW & KATZ, LTD. TWO PRUDENTIAL PLAZA 180 NORTH  
STETSON AVENUE, SUITE 4700 CHICAGO, IL 60601

- 20020228 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020604  
REISSUE REQUEST NUMBER: 10/087015  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3754  
Reissue Patent Number:

1/1 PAST - (C) Thomson Derwent  
AN - 200223-001847  
PN - 6050451 A [US6050451]  
OG - 2002-06-04  
ACT - REISSUE APPLICATION FILED

Selected file: INPADOC

?fam us6050451/pn

1/11 INPADOC - (C) INPADOC  
PN - AU 200020260 A5 20000613 [AU200020260]  
TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR  
MOUNTING TO A CONTAINER AND A PACKAGE WITH DISPENSING STRUCTURE  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC  
AP - AU 20260/00-A 19991117 [2000AU-0020260]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
- WO 9927300/99(US)-W 19991117 [1999WO-US27300]

2/11 INPADOC - (C) INPADOC  
PN - AU 751904 B2 20020829 [AU-751904]  
TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR  
MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC

AP - AU 20260/00-A 19991117 [2000AU-0020260]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
- WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
IC - B65D-035/46

3/11 INPADOC - (C) INPADOC  
PN - BR 9915485 A 20010731 [BR9915485]  
TI - ESTRUTURA DISPENSADORA, INCORPORANDO UMA ADAPTACAO CONTENDO UMA VALVULA PARA MONTAGEM EM UM RECIPIENTE E EMBALAGEM COM UMA ESTRUTURA DISPENSADORA  
IN - HESS JOHN M; III; BROWN STUART R; ROBINSON JOEL R; SOCIER THIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - BR 9915485/99-A 19991117 [1999BR-0015485]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
- WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
IC - B65D-035/46

4/11 INPADOC - (C) INPADOC  
PN - CN 1333727 T 20020130 [CN1333727]  
TI - VALVE-CONTAINING FITMENT FOR PACKAGE  
IN - HESS J M III [US]; BROWN S R [US]; ROBINSON J R [US]  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - CN 99815499/99-A 19991117 [1999CN-0815499]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
IC - B65D-035/46

5/11 INPADOC - (C) INPADOC  
PN - EP 1159220 A2 20011205 [EP1159220]  
TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
LA - ENG  
IN - HESS JOHN M III [US]; BROWN STUART R [US]; ROBINSON JOEL R [US]; SOCIER TIMOTHY R [US]  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - EP 99963922/99-A 19991117 [1999EP-0963922]  
PR - WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
- US 196301/98-A 19981119 [1998US-0196301]  
IC - B67C-007/00  
DS - AT\* BE\* CH\* CY\* DE\* DK\* ES\* FI\* FR\* GB\* GR\* IE\* IT\* LI\* LU\* MC\* NL\* PT\* SE\*

6/11 INPADOC - (C) INPADOC  
PN - PL 348706 A1 20020603 [PL-348706]  
TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
IN - HESS JOHN M III [US]; BROWN STUART R [US]; ROBINSON JOEL R [US]; SOCIER TIMOTHY R [US]  
PA - SEAQUIST CLOSURES FOREIGN [US]  
AP - PL 348706/99-A 19991117 [1999PL-0348706]  
PR - WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
- US 196301/98-A 19981119 [1998US-0196301]  
IC - B65D-035/46

7/11 INPADOC - (C) INPADOC  
PN - US 6050451 A 20000418 [US6050451]  
TI - DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE

IN - HESS III JOHN M [US]; BROWN STUART R [US]; ROBINSON JOEL R [US];  
SOCIER TIMOTHY R [US]  
PA - APTARGROUP INC [US]  
AP - US 196301/98-A 19981119 [1998US-0196301]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
IC - B65D-033/38

8/11 INPADOC - (C) INPADOC  
PN - US 6131806 A 20001017 [US6131806]  
TI - DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR  
MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
IN - HESS III JOHN M [US]; BROWN STUART R [US]; ROBINSON JOEL R [US];  
SOCIER TIMOTHY R [US]  
PA - APTARGROUP INC [US]  
AP - US 501669/00-A 20000210 [2000US-0501669]  
PR - US 501669/00-A 20000210 [2000US-0501669]  
- US 196301/98-A3 19981119 [1998US-0196301]  
IC - B65D-017/40

9/11 INPADOC - (C) INPADOC  
PN - WO 200030969 A2 20000602 [WO200030969]  
TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR  
MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
LA - ENG  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - WO US 9927300/99(US)-A 19991117 [1999WO-US27300]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
IC - B67C-000/00  
DS - AU\* BR\* CA\* CN\* CZ\* JP\* KR\* MX\* PL\* SG\* AT BE CH CY DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE

10/11 INPADOC - (C) INPADOC  
PN - WO 200030969 A3 20000908 [WO200030969]  
TI - VALVE-CONTAINING FITMENT FOR PACKAGE  
LA - ENG  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - WO US 9927300/99(US)-A 19991117 [1999WO-US27300]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
IC - B65D-035/46  
DS - AU\* BR\* CA\* CN\* CZ\* JP\* KR\* MX\* PL\* SG\* AT BE CH CY DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE

11/11 INPADOC - (C) INPADOC  
PN - WO 200030969 B1 20001026 [WO200030969]  
TI - VALVE-CONTAINING FITMENT FOR PACKAGE  
LA - ENG  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - WO US 9927300/99(US)-A 19991117 [1999WO-US27300]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
IC - B65D-035/46  
DS - AU\* BR\* CA\* CN\* CZ\* JP\* KR\* MX\* PL\* SG\* AT BE CH CY DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE

1/6 LEGALI - (C) LEGSTAT  
PN - CA 2350230 [CA2350230]  
AP - CA 2350230 O [2001CA-2350230]  
DT - CA-P  
ACTE- 20010507 CA/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 200030969> WO200030969  
UP - 2002-23

2/6 LEGALI - (C) LEGSTAT  
PN - JP 583808/2000  
AP - JP 583808/2000 O [2000JP-0583808]  
DT - JP-A  
ACTE- 20010518 JP/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 200030969> WO200030969  
UP - 2002-09

3/6 LEGALI - (C) LEGSTAT  
PN - EP 1159220 [EP1159220]  
AP - EP 99963922/99 19991117 [1999EP-0963922]  
DT - EP-P  
ACTE- 19991117 EP/AE-A  
EP-APPLICATION  
{EP 99963922/99 19991117 [1999EP-0963922]}  
- 20011205 EP/AK-A2 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
- 20011205 EP/A2 [+]  
PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT  
- 20011205 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
20010531  
UP - 2001-51

4/6 LEGALI - (C) LEGSTAT  
PN - US 6131806 [US6131806]  
AP - US 501669/00 20000210 [2000US-0501669]  
DT - US-P  
ACTE- 20000210 US/AE-A  
APPLICATION DATA (PATENT)  
{US 501669/00 20000210 [2000US-0501669]}  
- 20001017 US/A  
PATENT  
UP - 2000-45

5/6 LEGALI - (C) LEGSTAT  
PN - WO 200030969 [WO200030969]  
AP - WO 9927300/99(US) 19991117 [1999WO-US27300]  
DT - WO-P  
ACTE- 19991117 WO/AE-A  
APPLICATION DATA  
{WO 9927300/99(US) 19991117 [1999WO-US27300]}  
- 20000602 WO/AK-A2 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH  
REPORT  
AU BR CA CN CZ JP KR MX PL SG

- 20000602 WO/AL-A2 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH REPORT  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
- 20000602 WO/A2 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL SEARCH REPORT
- 20000726 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
- 20000908 WO/AK-A3 [+]  
DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT  
AU BR CA CN CZ JP KR MX PL SG
- 20000908 WO/AL-A3 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
- 20000908 WO/A3 [+]  
SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT
- 20000928 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
- 20001026 WO/AK-B1 [+]  
DESIGNATED STATES  
AU BR CA CN CZ JP KR MX PL SG
- 20001026 WO/AL-B1 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
- 20001026 WO/B [+]  
LATER PUBLICATION OF AMENDED CLAIMS
- 20001026 WO/B1  
PUBL. OF AMENDED CLAIMS
- 20010507 WO/ENP-AA  
ENTRY INTO THE NATIONAL PHASE IN:  
<CA 2350230>
- 20010518 WO/ENP-A  
ENTRY INTO THE NATIONAL PHASE IN:  
<JP 00583808>

UP - 2002-23

6/6 LEGALI - (C) LEGSTAT  
PN - US 6050451 [US6050451]  
AP - US 196301/98 19981119 [1998US-0196301]  
DT - US-P  
ACTE- 19981119 US/AE-A  
APPLICATION DATA (PATENT)  
{US 196301/98 19981119 [1998US-0196301]}  
- 20000418 US/A  
PATENT  
- 20020604 US/RF  
REISSUE APPLICATION FILED  
20020228  
UP - 2002-24

*Litigation  
Search*

6050451

&lt;=1&gt; GET 1st DRAWING SHEET OF 8

April 18, 2000

Dispensing structure incorporating a valve-containing fitment for mounting to a container and a package with a dispensing structure

REISSUE: February 28, 2002 - Reissue Application filed Ex. Gp.: 3754; Re. S.N.  
10/087,015 June 4, 2002

APPL-NO: 00196301 (00)

FILED-DATE: November 19, 1998

GRANTED-DATE: April 18, 2000

CORE TERMS: container, valve, dispensing, fitment, spout, pouch, web, interior, package, corner ...

## ENGLISH-ABST:

A dispensing structure, and a package with a dispensing structure, is provided with a valve. In one embodiment, the dispensing structure is a multi-piece fitment. The multi-piece fitment includes a base for mounting to the container and a valve carrier for mounting to the base. A flexible, self-sealing slit-type valve is mounted within the carrier. In another embodiment, a fitment is mounted in the opening of a thin-walled, flexible, collapsible container, and the flexible valve is mounted in the fitment. In yet another embodiment, a package includes a container having a corner wall defining an opening, and a fitment is sealingly mounted to the corner wall at the opening. A valve is disposed within the fitment. A removable and disposable cover extends from the container over the fitment and at least a portion of the corner wall to define a hermetically sealed volume around the fitment. The cover may be pulled away from the container to expose the fitment.

[www.lexis.com](http://www.lexis.com)

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6050451

April 18, 2000

Dispensing structure incorporating a valve-containing fitment for mounting to a container  
and a package with a dispensing structure

REISSUE: February 28, 2002 - Reissue Application filed Ex. Gp.: 3754; Re. S.N. 10/087,015 (O.G. June 4, 2002)

APPL-NO: 196301 (00)

FILED-DATE: November 19, 1998

GRANTED-DATE: April 18, 2000

Selected file: PLUSPAT

\*\* SS 1: Results 1

1 / 1    PLUSPAT - @QUESTEL-ORBIT  
PN - US6050451 A 20000418 [US6050451]  
TI - (A) Dispensing structure incorporating a valve-containing fitment for mounting to a container and a package with a dispensing structure  
PA - (A) APTARGROUP INC (US)  
PAO - AptarGroup, Inc., Crystal Lake IL [US]  
IN - (A) BROWN STUART R (US); HESS III JOHN M (US); ROBINSON JOEL R (US); SOCIER TIMOTHY R (US)  
AP - US19630198 19981119 [1998US-0196301]  
PR - US19630198 19981119 [1998US-0196301]  
IC - (A) B65D-033/38  
EC - B65D-047/20E2  
B65D-075/00E  
B65D-075/58D1  
B65D-075/58G  
PCL - ORIGINAL (O) : 222092000; CROSS-REFERENCE (X) : 105107000  
222153050 222153140 222490000 222541600  
DT - Basic  
CT - US1989714; US1996156; US3235128; US3669323; US4553971; US4629080;  
US4640425; US4728006; US4732299; US4749108; US4794750; US4830205;  
US4969581; US4991745; US4998646; US5005734; US5033655; US5115950;  
US5213236; US5271531; US5307955; US5339995; US5377877; US5409144;  
US5439143; US5680969; US5873491; US5911340; EP160336; DE29706159  
U1; DE29706158 U1; GB1474620; WO9638349; WO9708979  
U.S. application No. 08/843,165, filed Apr. 14, 1997, which allowed on Sept. 22, 1998.

U.S. application No. 08/915,960 assigned to AptarGroup, Inc.  
STG - (A) United States patent  
AB - A dispensing structure, and a package with a dispensing structure, is provided with a valve. In one embodiment, the dispensing structure is a multi-piece fitment. The multi-piece fitment includes a base for mounting to the container and a valve carrier for mounting to the base. A flexible, self-sealing slit-type valve is mounted within the carrier. In another embodiment, a fitment is mounted in the opening of a thin-walled, flexible, collapsible container, and the flexible valve is mounted in the fitment. In yet another embodiment, a package includes a container having a corner wall defining an opening, and a fitment is sealingly mounted to the corner wall at the opening. A valve is disposed within the fitment. A removable and disposable cover extends from the container over the fitment and at least a portion of the corner wall to define a hermetically sealed volume around the fitment. The cover may be pulled away from the container to expose the fitment.  
UP - 2000-17

1 / 1    LGST - @LEGSTAT  
PN - US 6050451 [US6050451]  
AP - US 196301/98 19981119 [1998US-0196301]  
DT - US-P  
ACT - 19981119 US/AE-A  
APPLICATION DATA (PATENT)  
US 196301/98 19981119 [1998US-0196301]

20000418 US/A

PATENT

20020604 US/RF  
REISSUE APPLICATION FILED  
20020228  
**UP** - 2002-24

1 / 1 CRXX - @CLAIMS/RRX  
**PN** - 6,050,451 A 20000418 [US6050451]  
**PA** - AptarGroup Inc  
**ACT** - 20020111 REASSIGNED  
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: APTARGROUP, INC. DATE SIGNED: 12/07/2001

Assignee: SEAQUIST CLOSURES FOREIGN, INC. 475 WEST TERRA COTTA  
CRYSTAL LAKE ILLINOIS 60014

Reel 012463/Frame 0323

Contact: ROCKEY, MILNAMOW & KATZ, LTD. TWO PRUDENTIAL PLAZA 180  
NORTH STETSON AVENUE, SUITE 4700 CHICAGO, IL 60601

20020228 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020604  
REISSUE REQUEST NUMBER: 10/087015  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3754

Reissue Patent Number:

Selected file: INPADOC

\*\* SS 1: Results 15

1 / 15 INPADOC - @INPADOC  
**PN** - AU 200020260 A5 20000613 [AU200020260]  
**TI** - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT  
FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH DISPENSING  
STRUCTURE  
**IN** - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
**PA** - SEAQUIST CLOSURES FOREIGN INC  
**AP** - AU 20260/00-A 19991117 [2000AU-0020260]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
WO 9927300/99(US)-W 19991117 [1999WO-US27300]

2 / 15 INPADOC - @INPADOC  
**PN** - AU 751904 B2 20020829 [AU-751904]  
**TI** - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT  
FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING  
STRUCTURE  
**IN** - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
**PA** - SEAQUIST CLOSURES FOREIGN INC  
**AP** - AU 20260/00-A 19991117 [2000AU-0020260]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
WO 9927300/99(US)-W 19991117 [1999WO-US27300]

**IC** - B65D-035/46

**3 / 15** INPADOC - @INPADOC  
**PN** - BR 9915485 A 20010731 [BR9915485]  
**TI** - ESTRUTURA DISPENSADORA, INCORPORANDO UMA ADAPTACAO CONTENDO UMA VALVULA PARA MONTAGEM EM UM RECIPIENTE E EMBALAGEM COM UMA ESTRUTURA DISPENSADORA  
**IN** - HESS JOHN M; III; BROWN STUART R; ROBINSON JOEL R; SOCIER THIMOTHY R  
**PA** - SEAQUIST CLOSURES FOREIGN INC [US]  
**AP** - BR 9915485/99-A 19991117 [1999BR-0015485]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
**IC** - B65D-035/46

**4 / 15** INPADOC - @INPADOC  
**PN** - CA 2350230 AA 20000602 [CA2350230]  
**TI** - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
**LA** - ENG  
**IN** - ROBINSON JOEL R [US]; BROWN STUART R [US]; HESS JOHN M III [US]; SOCIER TIMOTHY R [US]  
**PA** - SEAQUIST CLOSURES FOREIGN INC [US]  
**AP** - CA 2350230/99-A 19991117 [1999CA-2350230]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
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**IC** - B65D-035/46

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**AP** - CA 2350230 O [2001CA-2350230]  
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**5 / 15** INPADOC - @INPADOC  
**PN** - CN 1333727 T 20020130 [CN1333727]  
**TI** - VALVE-CONTAINING FITMENT FOR PACKAGE  
**IN** - HESS J M III [US]; BROWN S R [US]; ROBINSON J R [US]  
**PA** - SEAQUIST CLOSURES FOREIGN INC [US]  
**AP** - CN 99815499/99-A 19991117 [1999CN-0815499]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
**IC** - B65D-035/46

**6 / 15** INPADOC - @INPADOC  
**PN** - CZ 20011742 A3 20030618 [CZ200101742]  
**TI** - PACKAGE COMPRISING CONTAINER WITH CLOSABLE APERTURE  
**IN** - HESS JOHN M III [US]; BROWN STUART R [US]; ROBINSON JOEL R [US]; SOCIER TIMOTHY R [US]  
**PA** - SEAQUIST CLOSURES FOREIGN [US]

**AP** - CZ 1742/01-A 19991117 [2001CZ-0001742]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
**IC** - B65D-033/38; B65D-075/00

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7 / 15 *INPADOC - @INPADOC*  
**PN** - EP 1159220 A2 20011205 [EP1159220]  
**TI** - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT  
FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING  
STRUCTURE  
**LA** - ENG  
**IN** - HESS JOHN M III [US]; BROWN STUART R [US]; ROBINSON JOEL R [US];  
SOCIER TIMOTHY R [US]  
**PA** - SEAQUIST CLOSURES FOREIGN INC [US]  
**AP** - EP 99963922/99-A 19991117 [1999EP-0963922]  
**PR** - WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
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20030625 EP/RIC1  
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UP - 7B 65D 47/20 A, 7B 65D 75/58 B, 7B 65D 5/74 B  
2003-26

8 / 15 INPADOC - @INPADOC  
PN - EP 1159220 A4 20030625 [EP1159220]  
TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT  
FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING  
STRUCTURE  
LA - ENG  
IN - HESS JOHN M III [US]; BROWN STUART R [US]; ROBINSON JOEL R [US];  
SOCIER TIMOTHY R [US]  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - EP 99963922/99-A 19991117 [1999EP-0963922]  
PR - WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
US 196301/98-A 19981119 [1998US-0196301]  
IC - B65D-047/20; B65D-075/58; B65D-005/74  
DS - DE\* ES\* FR\* GB\* IT\*

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20030625 EP/RIC1  
CLASSIFICATION (CORRECTION)  
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UP - 2003-26

9 / 15 INPADOC - @INPADOC  
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PR - US 196301/98-A 19981119 [1998US-0196301]  
WO 9927300/99(US)-W 19991117 [1999WO-US27300]

**IC** - B65D-047/20; B65D-005/74; B65D-033/38

**10 / 15 INPADOC - @INPADOC**  
**PN** - PL 348706 A1 20020603 [PL-348706]  
**TI** - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
**IN** - HESS JOHN M III [US]; BROWN STUART R [US]; ROBINSON JOEL R [US]; SOCIER TIMOTHY R [US]  
**PA** - SEAQUIST CLOSURES FOREIGN [US]  
**AP** - PL 348706/99-A 19991117 [1999PL-0348706]  
**PR** - WO 9927300/99(US)-W 19991117 [1999WO-US27300]  
US 196301/98-A 19981119 [1998US-0196301]  
**IC** - B65D-035/46

**11 / 15 INPADOC - @INPADOC**  
**PN** - US 6050451 A 20000418 [US6050451]  
**TI** - DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
**IN** - HESS III JOHN M [US]; BROWN STUART R [US]; ROBINSON JOEL R [US]; SOCIER TIMOTHY R [US]  
**PA** - APTARGROUP INC [US]  
**AP** - US 196301/98-A 19981119 [1998US-0196301]  
**PR** - US 196301/98-A 19981119 [1998US-0196301]  
**IC** - B65D-033/38

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**12 / 15 INPADOC - @INPADOC**  
**PN** - US 6131806 A 20001017 [US6131806]  
**TI** - DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING STRUCTURE  
**IN** - HESS III JOHN M [US]; BROWN STUART R [US]; ROBINSON JOEL R [US]; SOCIER TIMOTHY R [US]  
**PA** - APTARGROUP INC [US]  
**AP** - US 501669/00-A 20000210 [2000US-0501669]  
**PR** - US 501669/00-A 20000210 [2000US-0501669]  
US 196301/98-A3 19981119 [1998US-0196301]  
**IC** - B65D-017/40

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ACTE- 20000210 US/AE-A  
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13 / 15 *INPADOC - @INPADOC*  
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TI - A DISPENSING STRUCTURE INCORPORATING A VALVE-CONTAINING FITMENT  
FOR MOUNTING TO A CONTAINER AND A PACKAGE WITH A DISPENSING  
STRUCTURE  
LA - ENG  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - WO US 9927300/99(US)-A 19991117 [1999WO-US27300]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
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20001026 WO/B [+]  
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14 / 15 INPADOC - @INPADOC  
PN - WO 200030969 A3 20000908 [WO200030969]  
TI - VALVE-CONTAINING FITMENT FOR PACKAGE  
LA - ENG  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - WO US 9927300/99(US)-A 19991117 [1999WO-US27300]

**PR** - US 196301/98-A 19981119 [1998US-0196301]  
**IC** - B65D-035/46  
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SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT

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15 / 15 INPADOC - @INPADOC  
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TI - VALVE-CONTAINING FITMENT FOR PACKAGE  
LA - ENG  
IN - HESS JOHN M III; BROWN STUART R; ROBINSON JOEL R; SOCIER TIMOTHY R  
PA - SEAQUIST CLOSURES FOREIGN INC [US]  
AP - WO US 9927300/99(US)-A 19991117 [1999WO-US27300]  
PR - US 196301/98-A 19981119 [1998US-0196301]  
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20010518 WO/ENP-A  
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UP - 2002-23

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